

## **LOUISIANA TECHNOLOGY INNOVATIONS FUND - PROGRESS REPORT**

**September 3, 2004**

### **I DEPARTMENT/AGENCY**

Division of Administration/Office of Electronic Services

### **II PROJECT TITLE**

LouisianaMAP

### **III PROJECT LEADER**

Ed Leachman  
Office of Electronic Services  
P O Box 94095, Capitol Station  
Baton Rouge, LA 70804  
Telephone No.: (225) 219-4025  
Fax No.: (225) 219-4027  
E-Mail Address: [eleachm@doa.state.la.us](mailto:eleachm@doa.state.la.us)

### **IV DESCRIPTION OF THE PROJECT**

LouisianaMAP is a 24-month project to revolutionize e-government in Louisiana by providing a reliable, consistent geographic information and services component. The project consists of three tightly coupled initiatives. The first is a comprehensive state plan for production, acquisition, and management of key geographic framework information. An initial version of this plan, known as the Implementation Team Geospatial Framework Data Plan (I-Team Plan), was released to the Governor in September 2003 and the official version was published to the web in November 2003. The second release of the I-Team Plan was completed in August 2004 for submission to the Governor in September 2004. This plan will be continually maintained to reflect the current government needs, missions, priorities and major geospatial technology advancements.

The second component of LouisianaMAP is the web-based geospatial portal that was launched in November 2003. The portal provides state and local government decision makers, academia, and the general public access to and dissemination of the geographic framework data. The Portal also supports analysis of user-supplied information in the context of the geographic framework data.

The third component of the project, the LouisianaMAP Academy, provides training for the use of the data and geographic services provided through the portal. Academy sessions commenced in April 2004.

## **V PROJECT STATUS**

### **A. Brief Summary**

Since the Portal was launched in November 2003 there has been significant user feedback and suggestions. Many of the suggestions have already been incorporated such as additional locational capabilities and larger print image size. Additional capabilities, such as value added mapping features, will be added to the Portal continuously on a priority basis.

The I-Team segment of this project has been an outstanding success. The I-Team plan that was released in September 2003 is the cornerstone of GIS needs and strategies for Louisiana. Through the I-Team organization and process, Louisiana will be able to consolidate the needs for GIS information, services, and technology to address the state's priorities. An updated I-Team report has been completed and will be submitted to the Governor in September 2004. Meanwhile, the I-Team Executive Order will be replaced with a new Executive Order that establishes LouisianMAP as the central focus for GIS in the state. The key elements of this new focus are incorporated in the September, 2004 I-Team report.

The LouisianaMAP Academy provides training for the use of the data and geographic services provided through the portal. The initial Academy session was held in April 2004. Additional sessions will be conducted on a scheduled basis consistent with user demand.

### **B. Accomplishments**

Following are the project accomplishments to date:

- State I-Team Coordinator selected. This has become a permanent position that is staffed by the GIS Council.
- Agreements executed with LSU for First and Second year technical support to the I-Team effort
- I-Team workgroups all established and functional. The following URL <http://lagic.lsu.edu/I-team/groups.asp> provides an organizational structure for the I-Team and shows the participants of each working group.
- "As-Is" status of Louisiana Framework Layers collected by the respective working groups and incorporated in the I-Team Plan.
- Interim I-Team requirements collection tools installed. An overview of the requirements process is presented at URL <http://lagic.lsu.edu/I-Teams/Presentations/2002/ITEAM-PRES-REQUIREMENTS-20020516-00.ppt>
- Software product was selected for the Requirements management tool for the LouisianaMAP geospatial portal.
- First and second Annual Governor's reports submitted in October 2002 and September 2003 respectively..
- I-Team plan was completed and released with Report to the Governor in September 2003. A copy of the plan may be accessed at [Louisiana I-Team Plan \(v1.0\)](#)
- Formal I-Team Plan release and review was held during GIS Week on November 20, 2003

- Professional Services agreement executed to provide additional technical support to the portal development
- Functional description for LouisianaMAP portal developed
- Technical architecture for LouisianaMAP developed
- Portal prototyping conducted at LAGIC
- Web services available through the Portal and for Imagery integration have been developed under Professional Services agreement. These web services are consistent with the functional requirements described in the functional description.
- The LouisianaMAP Portal hosting strategy was revised back to that proposed in the original TIF proposal; hosted on state operated equipment at a state facility. Hardware and software procurement consistent with this strategy was completed in September and October 2003 and the facility was activated at Office of Computing Services in October 2003.
- LouisianaMAP Geospatial Portal was launched in November 2003. It can be viewed at [www.louisianamap.gov](http://www.louisianamap.gov)
- LouisianaMAP average utilization has increased from 700 sessions to nearly 1,000 session per workday (27,000 sessions per month) since it was originally launched in December 2003. The average number of images/maps displayed has increased accordingly to over 250,000 images/maps downloaded for viewing per month.
- Key enhancements to the original operational baseline based on user feedback are being continually added
- Began conducting LouisianaMAP Academy in April 2004
- A planning session in June 2004 set the direction for the follow-on to the I-Team activities based on the I-Team Plan recommendations.
- A new Executive Order was drafted in August 2004 to align activities GIS in Louisiana under a consolidated approach entitled LouisianaMAP.

#### C. Problems Encountered/Action Taken or Planned

No technical problems have been encountered.

There have been schedule adjustments to implementation of the geospatial portal. First, start of the I-Team technical support effort was delayed until July 2002 awaiting modifications to the LAGIC support contract. Secondly, the activation of portal hosting environment was synchronized with establishment of a product standard for Application Platform Suite (APS) and the state e-government portal hosting activities. While the standard and the hosting facility became available in July 2003, it was subsequently determined to move LouisianaMAP back to the original hosting plan as contained in the TIF MOU with no additional schedule impact. The combination of these two adjustments has delayed the schedule for the initial launch of the geospatial portal several months.

#### D. Major Milestones (Original vs. Current Estimate)

	Original	Actual
Governor's Report	Sept 2002	October 2002
Initial Portal Release	Nov 2002	November 2003
Initial I-Team Plan Draft	Nov 2002	July 2003
Initial I-Team Release	September 2003	September 2003

## VI COST VS. BUDGET

	<u>Category</u>	<u>Budgeted</u>	<u>Actual</u>	<u>Projected Surplus</u>
A.	Equipment	\$ 63,000	\$19,388	0
B.	Software	\$156,575	\$ 59,845	0
C.	Telecommunications	0	436	0
D.	Professional/Contract Services	\$240,000	\$ 210,140	0
E.	Other Costs	\$ 12,600	\$ 683	0
	<b>Total Project Cost</b>	<b>\$472,175</b>	<b>\$291,067</b>	<b>\$120,000</b>

After payment of software licenses and additional technical support the project surplus from this project is \$120,000.

## VII ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING PERIOD

An interagency agreement with LSU is in work to fund \$30,000 of LouisianaMAP geospatial portal enhancements being provided during the period August through November 2004.